IX38 QuadGT

Intel X38/ICH9R LGA775 FSB1600 45nm ATX
Dual DDR2 1066, Digital PWM, GbE, SATA RAID, IEEE1394, HD 7.1,
Silent OTES & uGuru™ Tech, Vista HW Ready

CPU
- Designed for Intel® latest 45nm processors with 1600MHz FSB
- Support Intel Core 2 Extreme & Core 2 Quad/Duo & Pentium® Extreme Edition & Pentium® D & Pentium®4 Processors & Pentium® Dual Core

Chipset
- Intel® X38 / ICH9R Chipset

Memory
- 4 X 240-pin DIMM sockets support max. memory capacity 8GB
- Supports Dual channel DDR2 1066/800 memory

LAN
- On board Dual Gigabit LAN controller supports 10/100/1000M Ethernet

Audio
- On board 7.1 CH HD Audio CODEC
- Supports optical S/PDIF In/Out
- HDMI Audio ready header

Expansion Slots
- 2 x PCI-E X16, 1 x PCI-E X16 (X4 bandwidth), 1 x PCI-E X1, 2 x PCI

Internal I/O
- 1 x Floppy Port supports up to 2.88 MB
- 1 x ATA 133/100/66 IDE connector
- 6 x SATA 3Gb/s connector
- 4 x USB header (support 8 ports)
- 1 x FP-Audio

Back Panel I/O
- 1 x PS/2 Keyboard, 1 x PS/2 Mouse
- **abit** Silent OTES™
- 1 x S/P DIF In, 1 x S/P DIF Out, 2 x eSATA
- 7.1 CH Audio connector (Front, Line-in, MIC-in, Center/Subwoofer, Surround, Rear Surround)
- 1 x 1394, 4 x USB 2.0, 1 x RJ-45 LAN connector
- Clear CMOS Button

Serial ATA
- 6 x SATA 3Gb/s offer by Intel® ICH9R support Intel® Matrix Storage Tech(AHCI & RAID0/1/5/10)
- 2 x SATA 3Gb/s offer by JMicron® JMB363 support up to 0,1,JBOD RAID function

IEEE1394
- PCI controller supports 2 Ports IEEE 1394

abit Engineered
- **abit** uGuru™ Technology
- **abit** Silent OTES™ Technology
- 100% Low ESR solid capacitor
- Quick Power/Reset button
- Digital PWM
- EZ CCMOS Button
- R-angle SATA connector

Form Factor
- ATX form factor 305 x 245mm
- PCB Color: Blue

RoHS
- 100% lead-free process and RoHS Compliancy

Back IO Placement:

PS/2 Mouse	Silent OTES™				Center/Subwoofer	Line In	1394	LAN
					Rear/ Sur.	Line Out	USB	USB
PS/2 KB	CCMOS switch	S/P DIF In	S/P DIF Out	eSATA / eSATA	Surround	MIC	USB	USB